

GILBERT L. SMITH & SONS NURSERY

R. D. 2. MILLERTON, N.Y.

FALL 1959 - SPRING 1960

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U. S. Department of Agriculture

We have some very good walnut trees to offer for this fall and next spring delivery.

The number of trees is very limited due to very cold weather and no snow last winter. This resulted in the freezing of the roots of many of our black walnut stocks, this reduced our supply of stocks to graft last spring.

All orders will be filled in the order in which we receive them so long as the supply of trees of each variety lasts.

A NEW INTRODUCTION

THE "BOWSER", A FABULOUS NEW EASTERN BLACK WALNUT.

This new variety is the result of plant breeding work by the late John Davidson.

According to tests conducted by the United States Department of Agriculture at the Beltsville Station.

Nuts 30 to 35 per pound (This means medium size).

Kernel, 1st year crop 37.69%. 2nd year crop 37.8%.

1st year crop, 10 nuts, 38 whole quarters, 2 broken.

2nd year crop, 5 nuts, 18 whole quarters, 2 broken.

This shows a very thin shell with excellent cracking quality. Flavor of the kernel is excellent.

Very few of the other named varieties of eastern black walnut yield more than 30% kernel. None as high as 35% kernel.

The original tree of this variety is now owned by Mr. Homer G. Bowser of Xenia, Ohio. Mr. Bowser is not having the variety patented but he is controlling the propagating wood of the variety for as long as he can. This will be about five years.

We have propagated trees of the "Bowser". under an agreement with Mr. Bowser whereby he receives \$2.00 for each tree we sell of the variety. We simply add this \$2.00 to the regular price we charge for our other varieties of grafted black walnut trees. Making the price for "Bowser" trees as follows:

Under 2 feet trees	\$4.00
2 - 3 feet "	4.50
3 - 4 feet "	5.00
4 - 5 feet "	5.50
Over 5 feet "	6.00

We have a small supply of "Bowser" nuts. We will send a sample of two nuts for 25¢ and issue with them, a credit slip that can be applied, at full value, on the purchase of one or more "Bowser" trees.

PERSIAN WALNUTS

In general, Persian walnuts require trees of at least two different varieties to insure pollination. However, some varieties are self pollinating, at least to some extent.

METCALFE - A Crath Carpathian. 1st prize winner in Northern Nut Growers Association Contest of 1950-51.

Nut medium to large size, very best quality.

MCKINSTER - A Crath Carpathian. 1st prize winner in 1949-50 Northern Nut Growers Association Contest. 3rd prize winner in 1950-51 N.N.G.A. Contest.

Nut large in size, very best quality.

HANSEN - Not a Crath Carpathian but very hardy. 2nd prize winner in both the 1949-50 and 1950-51 Northern Nut Growers Association Contest.

Nut medium to large in size, very best quality.

ORTH - A Crath Carpathian. 6th prize in 1950-51 Northern Nut Growers Association Contest.

We do not know the size of this nut but it would have to be of the very best quality in order to place in the Contest.

MORRIS - A Crath Carpathian. 4th prize in the 1949-50 Northern Nut Growers Contest and 9th prize in the 1950-51 Contest.

Nut large size, quality very good. This is our S-66.

DEMING - A Crath Carpathian. 5th prize in the 1949-50 Northern Nut Growers Association Contest. No nuts entered in the 1950-51 Contest. Nut large size, quality very good. This is our S-XD. variety.

LITTLEPAGE - A Crath Carpathian. Honorable mention in the 1949-50 Northern Nut Growers Association Contest. Patent No. 815. Nut large size, quality good. Heavy bearer.

CLARENCE - A Crath Carpathian. A good late pollinizer. Nut large size, quality good to very good. Our S-25 variety.

Following are our numbered varieties which we have not named yet. All are Crath Carpathians.

S-5 - Nut very large size, quality good to very good.

S-6 - Nut large size, quality very good. Shells do not seal well. So nuts will not stand rough handling. For this reason it would not be a good variety for commercial handling in the shell. However, for selling as shelled nuts or home use, it is a very excellent variety.

S-7 & S-12 - These two varieties are so nearly alike that we will not describe them together. Nut very large, shell rather rough, quality very good. Sheds pollen early but needs a late pollinizer.

S-17 - Nut small to medium size but fills very well, quality very good. Late in leafing out in the spring so may escape some late spring frosts. Late pollinizer.

S-22 - Nut large but varies a good deal in size, quality good. A good pollinizer and is self pollinating.

S-24 - Nut large, quality good. A good late pollinizer.

S-26 - Nut small to medium size, quality very good.

S-29 - Nut large size, quality very good.

S-31 - Nut small to medium size, fills very well, quality very good.

S-32 - Nut medium size, quality very good to excellent.

Received honorable mention in the 1949-50 N.N.G.A. Contest.

S-33 - Nut medium to large size, quality very good. Very attractive. Sheds pollen early but needs a late pollinizer.

S-35 - Nut medium to large size, quality very good.

S-38 - Nut very large size, quality very good. Outstanding.

S-41 - Nut medium to large size, quality good.

S-45 - Nut small to medium size, fills very well, quality very good. Leaf out late in the spring so may escape some of the late frosts. A good late pollinizer.

S-46 - Nut large size, quality very good.

S-48 - Nut large size, quality very good.

S-57 - Nut small to medium size, fills very well, quality very good. Leaf out late in spring so may escape some late frosts. Late in blooming, both pistillate and staminate.

Following is a pollination chart of Persian walnuts, as near up to date as we have information. It is divided into two halves, the upper half being the staminate blossoming time and the lower half is the pistillate blossoming time. There are four columns graduated from early on the left to late on the right. To use this chart, simply read down each column, the varieties listed in the upper half will pollinize the varieties listed in the lower half.

STAMINATE

<u>EARLY</u>	<u>MED. EARLY</u>	<u>MED. LATE</u>	<u>LATE</u>
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Hansen	Broadview	Broadview	Caesar
Metcalfe	Colby	Colby	S-17
Littlepage	Deming (S-XD)	Deming (S-XD)	S-22
Payne	Lancaster	Morris (S-66)	S-24
S-6	McKinster	S-7	S-25
S-7	Morris (S-66)	S-12	S-29
S-12	Payne	S-21	S-32
S-33	S-5	S-22	S-41
	S-6	S-24	S-45
	S-7	S-25	S-57
	S-12	S-26	
	S-22	S-29	
	S-31	S-31	
	S-35	S-33	
	S-38	S-38	
		S-41	

PISTILLATE

Caesar	Caesar	Deming (S-XD)	Broadview
McKinster	Colby	Hansen	S-6
Morris (S-66)	Deming (S-XD)	Lancaster	S-7
Orth	Hansen	Littlepage	S-12
S-5	Littlepage	Metcalfe	S-17
S-21	Orth	Payne	S-33
S-25	S-5	S-6	S-35
S-26	S-17	S-17	S-46
S-29	S-22	S-22	S-57
S-31	S-24	S-32	
S-32	S-25	S-38	
	S-26	S-41	
	S-29	S-45	
	S-32	S-46	
	S-38	S-48	
	S-41	S-57	
	S-45		
	S-46		
	S-48		

HEARTNUTS

The heartnut is one of the most ornamental of the nut trees. The flavor of the nut is very much like that of the butternut.

FODERMAIER - Nuts large, cracks perfectly, quality very good. Tree not as hardy as the Wright variety.

GELLATLY - Nut medium size, cracks perfectly, quality very good.

MARVEL - Result of crossing Fodermaier x Wright. Nut medium size, cracks perfectly, quality very good.

RIVAL - A sister variety of Marvel. Nut medium size, cracks perfectly when well dried, quality very good.

WRIGHT - Nut medium to large, cracks perfectly, quality very good. Tree most hardy of any of our heartnuts. But all our varieties will withstand -25 degrees F. All have withstood -30 degrees here.

FAUST - Nut large, cracks perfectly, quality very good.

Wild butternut trees will pollinize heartnut trees, so in any region where the butternut grows wild, you do not need to worry about a pollinizer for heartnuts. However, Wright will pollinize Fodermaier, Marvel and Rival and will be pollinized by them, not sure about Gellatly.

BLACK WALNUTS

BENTON - Nut small to medium size, cracks well, excellent quality. 2nd prize in New York - New England Contest of 1934.

ELMER MYERS - Nut small, shell thin, quality good.

KRAUSE - Nut large, cracks well, quality very good.

LEARN - Nut large, cracks well, quality very good.

OHIO - Nut large, cracks well, quality very good.

PINECREST - Early, nut large, cracks well, quality very good.

SNYDER - Early, cracks well, nut large, quality very good. 1st prize in New York - New England Contest of 1934. Holds foliage well in the fall.

SPARROW - Early, nut medium size, cracks well, quality excellent. Our favorite variety except Bowser. Holds foliage well in the fall.

STAMBAUGH - Late, nut large, cracks well, quality excellent. 1st prize in N.N.G.A. Contest of 1926. As grown here, it drops its leaves early in the fall due to walnut anthracnose or leaf spot.

THOMAS - Nut large, cracks well, quality good. Tree not as hardy as the other varieties listed here.

TODD - Nut very large, cracks well, quality good.

TROUP - Nut large, cracks well, quality very good.

WANDA - Earliest of the varieties listed, tree is hardy so is best for far northern locations. Nut small, cracks well, quality very good.

HICKORY

We are very short of hickory trees, due to shortage of stocks. We planted a good supply of hickory nuts last spring and have a good supply of seedlings coming on. But it will probably be two or three years before they are large enough to graft.

BAUER - Shagbark. Nut large, cracks well, quality very good.

BERGER - Shellbark. Nut small for a shellbark, about the size of a large shagbark. Cracks well, quality very good.

BRIDGEWATER - Shagbark. Nut very large for a shagbark, cracks well, quality very good.

GLOVER - Shagbark. Nut large, cracks well, quality excellent. One of the very best of the shagbarks.

NEILSON - Shagbark. Nut large, cracks well, quality very good.

WILCOX - Shagbark. Nut large, cracks well, quality excellent. One of the best of the shagbarks.

CHINESE CHESTNUTS

We do not have any grafted trees of Chinese chestnuts, but we have a good supply of seedling trees of a very good strain that is very resistant to the chestnut blight and to cold winters. It produces nuts of good size and good quality, very much like our American chestnuts. We do not have any small seedlings this year, due to the loss of our seed nuts a year ago.

Prices of trees - 1 to 9 trees - 10 to 49 trees - over 50 trees

4 to 5 ft trees	\$1.00 each	90¢ each	80¢ each
5 to 6 ft trees	\$1.50 each	\$1.25 each	\$1.10 each
Over 6 ft trees	\$2.00 each	\$1.50 each	\$1.25 each

PRICES OF GRAFTED TREES

PERSIAN WALNUT AND HEARTNUT TREES

Under 2 ft trees	\$4.00 each
2 to 3 ft trees	4.50 "
3 to 4 ft trees	5.00 "
4 to 5 ft trees	5.50 "
Over 5 ft trees	6.00 "

BLACK WALNUT TREES

Under 2 ft trees	\$2.00 each
2 to 3 ft trees	2.50 "
3 to 4 ft trees	3.00 "
4 to 5 ft trees	3.50 "
Over 5 ft trees	4.00 "

HICKORY TREES

All grafted trees	\$4.00 each
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All prices are F.O.B. Millerton, New York or Canaan, Connecticut. Bundles that comply with the Parcels Post Regulations, will be sent by Parcel Post and we will bill for the postage or will deduct it from any refund due.

CRATH CARPATHIAN SEED NUTS

No nuts available this year as the squirrels got them all.

GRAFTING WOOD

We can supply grafting wood of most of the varieties of nut trees that we list. No Bowser black walnut or Colby Persian walnut wood available.

Price of Persian walnut and heartnut wood is 25¢ per foot.

Price of black walnut and hickory wood is 20¢ per foot.

One foot of wood will make three or four scions.

SUMMARY OF EVENTS

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